

Statement III

Details of cost of generation of coal based NTPC projects for the year 1999-2000

(Provisional)

Station	Generation Cost (P/Kwh)
Singrauli STPP	75.25
Korba STPP	53.85
Ramagundam STPP	98.10
Farakka STPP	152.05
Vindhyachal STPP	99.27
Rihand STPP	105.46
Unchahar STPP	146.43
Dadri Thermal	194.82
Kahalgaoon STPP	137.10
Talcher STPP	116.97
Talcher TPS	105.36
Tanda	343.87

Decline in Production of Thermal and Hydro Power

4340. SHRI K.M. KHAN: Will the Minister of POWER be pleased to state:

(a) whether there is a sharp decline in the production of thermal and hydro power during the last three years;

(b) if so, the details thereof, State-wise; and

(c) the reasons for the decline in the generation of power and the steps taken to improve the power generation capacity?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) The growth

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rates of thermal and hydro generation sector-wise in the country during the years 1998-99, 1999-2000 and 2000-2001 are given below:—

Year	Growth Rate (%)							
	Thermal				Hydro			
	Cent- ral Sector	State Sector	Pri- vate Sector	Total	Cent- ral Sector	State Sector	Pri- vate Sector	Total
1998-99	3.2	4.2	24.5	(+)5.2	22.4	6.7	4.5	(+)11.0
1999-2000	8.5	7.7	23.9	(+)9.4	(-)13.4	1.7	20.5	(-)2.5
2000-2001	8.7	4.5	(-)1.1	(+)5.5	(-)7.2	(-)7.5	(-)24.7	(-)7.8

(b) The details of State-wise generation are given in the statement (see below)

(c) The generation at hydroelectric stations is primarily dependent on the pattern of rainfall and position of water levels of the reservoirs. The lower rate of hydel generation during 2000-2001 was mainly on account of poor inflows resulting in lower reservoir levels of major hydroelectric stations. The Central Electricity Authority closely monitors the generation performance and also deputed team of experts of HE stations to render technical advice, whenever required.

The following steps are being taken to improve power generation in the country:—

- (i)Expeditious implementation of capacity addition programme and doubling of the capacity by 2012.
- (ii)Renovation and Modernisation (R&M) and life extension of existing old and inefficient generating units.
- (iii)Disbursement of loans by the Power Finance Corporation for improving operation and maintenance of thermal power stations under Accelerated Generation Programme.
- (iv)Increasing the inter-state and inter-regional power transfer by construction of missing transmission links and system improvement and finally development of the National Grid.
- (v)Coordinated operation of Hydro, Thermal, Nuclear and Gas turbine power stations in the regional power system.
- (vi)Speedy implementation of Reform process in the Power Sector.
- (vii)Early stabilization of newly commissioned generating units.

Statement
State-wise details of thermal and hydro power generation

State Electricity Board	Thermal Generation (Million Units) 1998-99	Thermal Generation (Million Units) 1999-2000	Thermal Generation (Million Units) 2000-2001	Hydro Generation (Million Units) 1998-99	Hydro Generation (Million Units) 1999-2000	Hydro Generation (Million Units) 2000-2001
DVB	2064	2533	2801	—	—	—
J&K	6	0	5	662	608	551
HPSEB (HPGCL)	3487	4858	3560	267	242	243
HPSEB	—	—	—	1458	1197	1161
RSEB	6766	8184	9887	1298	995	374
PSEB	10897	13837	14462	3496	3220	3143
UPRVUNL/UPHPC	18753	18329	19474	6138	5271	5291
GEB	22847	22129	22885	1349	1039	438
GSECL	0	2137	2881	—	—	—
MSEB	40839	41530	42230	3704	3807	3688
MPEB	18201	20152	20428	2795	2462	1821
APSEB (APGENCO)	19758	21500	21957	7586	8668	7749
APGASPC	1800	2001	1976	—	—	—
TNEB	17261	19073	19682	4958	4467	5421
PONDICHERY	0	132	232	—	—	—
KPCL	6458	7763	8903	9842	11692	10491
KEB	624	708	655	461	398	237
KSEB	252	579	869	7316	7033	6131
BSEB	2566	2246	2168	183	207	144
TENUGHAT V.	1474	1169	1329	—	—	—
OSEB	0	0	0	3411	4543	4602
ORISSA P.	2803	3159	3014	—	—	—
WBSEB	3263	3543	3204	357	396	446
WBPDCL	6697	6235	7518	—	—	—
DPL	602	848	590	—	—	—
SIKKIM	—	—	—	26	11	21
ASEB	939	921	936	—	—	—
MEGHALAYA	—	—	—	544	634	657
TRIPURA	287	251	242	57	61	70
AR. PRADESH	—	—	—	16	14	13